Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 16 Sep 2021 until 23:59 on Friday 17 Sep 2021

Forecast Issued on Wednesday 15 Sep 2021 at 14:25

Confidence: High for warm and largely dry weather over the next couple of days. There is significant uncertainty in the development of any rainfall through Friday night and on Saturday.

Headline for Thursday 16 Sep 2021: A dull, foggy start will give way to warm sunshine.

Mountain weather hazards on Thursday 16 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	FOG	FOG					
Mist	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
40%	50%	40%	20%	10%	10%	00%	00%

Forecast for Thursday 16 Sep 2021

Weather: Mist, fog and drizzle will set in through the early hours bringing widely poor visibility on the hills to start the day. Skies will gradually clear from the west leaving sunny spells into the afternoon with only a low risk of the odd passing light shower. Dry with clearer periods into the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at best initially, improving 100% by late morning.

Visibility: A dull, damp start in the hills as cloud shrouds slopes above around 400m and brings spells of drizzle. Widely limited to a few hundred meters above the cloud base. From mid to late morning a marked change will occur as this cloud lifts and clears eastwards leaving very good visibility for all areas.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 16 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	11/16 SW	11/15 W	10/14 W	10/14 W	10/15 W	5/7 SW	8/10 S	9/13 S
300	6/8 SW	7/10 SW	7/11 SW	8/11 W	8/12 W	7/12 W	4/5 SW	5/9 S	7/10 S
Valley	2/6 S	3/9 SW	4/9 SW	5/10 SW	6/11 W	6/11 W	2/6 W	4/7 SE	3/10 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/8	11/9	12/10	13/11	14/12	13/12	12/11	12/10
300	13/12	13/11	13/11	14/12	16/14	16/15	16/16	14/14	14/13
Valley	12/12	13/13	13/13	14/14	16/16	18/17	16/16	14/14	13/13
Freezing Level*	2600m	2500m	2400m	2400m	2600m	2700m	2800m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Pleasant conditions in the hills after morning low cloud and drizzle clears. Be aware of the risk of sunburn.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 15 Sep 2021	0mm	2mm	5.4mm

Forecast for Friday 17 Sep 2021

Weather: Dry with hazy sunshine through morning and a few areas of low level cloud across the south. Southerly winds will freshen through the day but it will still feel warm in shelter. Cloud will thicken through afternoon, perhaps enough to bring some spells of rain by the end of the day but this is currently uncertain.

Maximum wind: South 20-25mph, easing through evening.

Chance of cloud free mountain/hill tops above 600m: 95%, falling 70% through evening.

Visibility: A few areas of cloud above 400m are likely at first but these will lift through morning as the wind picks up. Very good visibility expected with some far reaching views on offer. A few patches of cloud above 500m may develop across southern slopes again through evening.

Temperature: **Valleys:** Plus 10 Celsius rising to 19 Celsius.
At 600m: Plus 12 Celsius
Freezing level: Well above summits.

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